



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090274-C

Mode: Highway

Status: Submitted

US-19, US-23

From/Cross Street: SR 1200 (Wiggins Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 151

Project Category: Regional Impact

Length: 3.91

TIP#: R-4406C

Fully Funded in Draft STIP? No

Cost to NCDOT: \$27,771,000

Description:

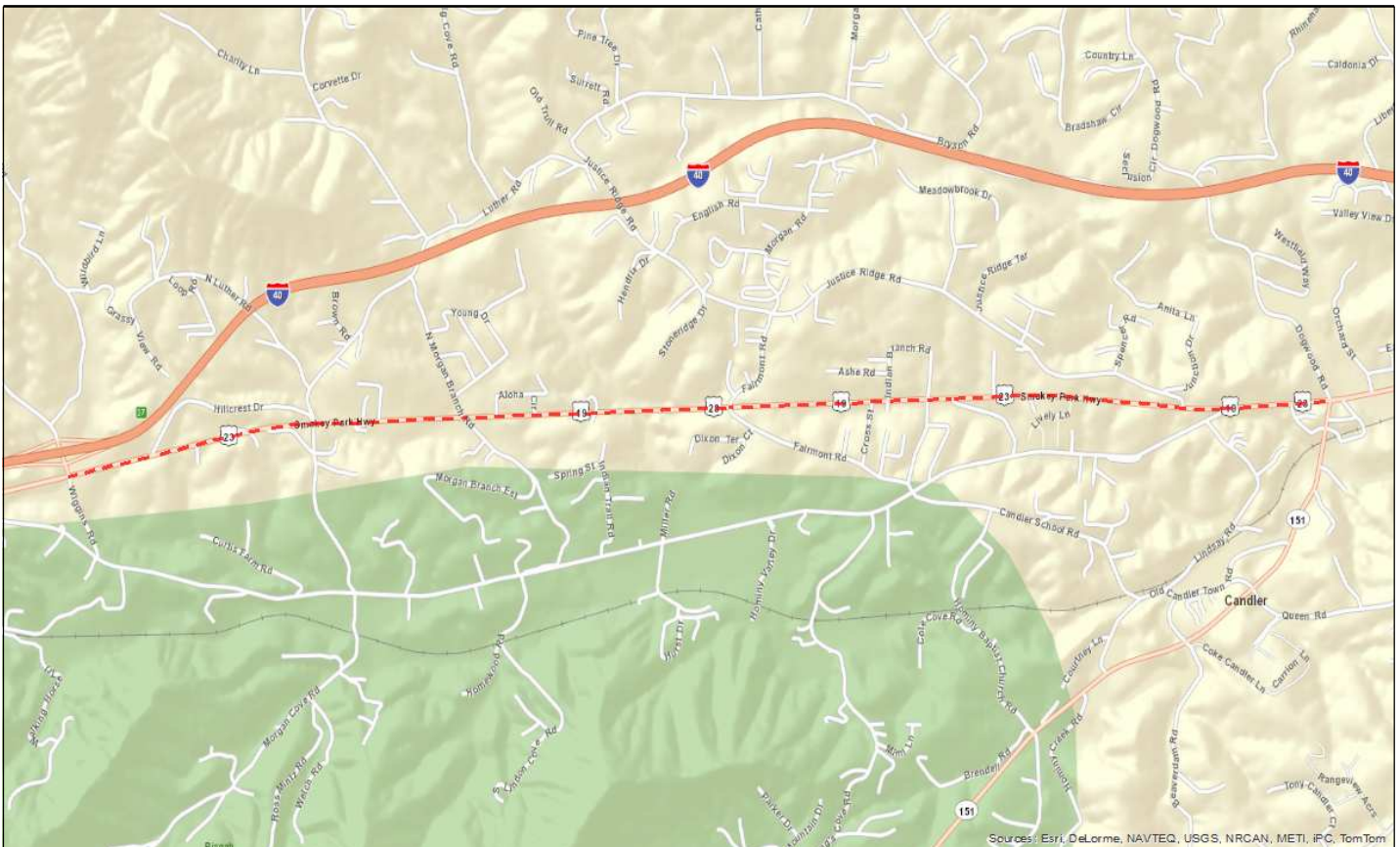
NC 215 in Canton to Multi-Lanes near NC 151. Widen to Multi-Lanes. (Coordinate with B-3656). Section C: SR 1200 (Wiggins Road) to NC 151.

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 68.62 [Travel Time] Benefit/Cost (25%) 3.55 Accessibility / Connectivity (10%) 23.35 Congestion (V/C) (25%) 38.41	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 19.69		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 38.41 Safety (10%) 68.62 [Travel Time] Benefit/Cost (20%) 3.55	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 15.25		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	3.91
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	9151.57
Capacity:	15800
Volume/Capacity Ratio:	0.58
% Autos:	96%
% Trucks:	4%
Truck Volume:	387.95
Crash Density:	69.89
Crash Severity:	76.53
Critical Crash Rate:	59.47
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	81
Actual Congested Speed:	43
Travel Time Index:	1.26

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	55
Length (miles):	3.91
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	4397539.86
Travel Time Savings for 30 Years (Autos):	4211118.64
Travel Time Savings for 30 Years (Trucks):	186421.22
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$27,018,000	TIP Unit
Right-of-Way Cost:	\$672,000	Cost Estimation Tool
Utilities Cost:	\$81,000	Cost Estimation Tool
Total Project Cost:	\$27,771,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$27,771,000	